

COMPRESSING IMAGE DATA

ABSTRACT OF THE DISCLOSURE

5 Image data fed from an image sensor having a color pixel array by 2 dimensional
compression and difference algorithm is disclosed. Firstly, the red, green and blue(R/G/B)
color values from the image data extracted; vertical difference color values between current
R/G/B color values of a current line and previous R/G/B color values of a previous line are
calculated; the vertical difference color values with a predetermined loss value are calculated
to obtain quota color values; and the horizontal difference color values between a current
quota color value and a previous quota color value are estimated.